Beginning with Volume 14, reprints of all articles appearing in the *IBM Systems Journal* are available from IBM at $0.50 each. Also available at $1.75 each are several special issues containing collections of reprint articles on a selected topic. All reprints should be ordered by form number from the local IBM branch office. The order form number for each article is printed on the last page of the article, following the references or appendix. Any article preceding Volume 14, while not available from IBM, may be obtained from University Microfilms, 300 N. Zeeb Road, Ann Arbor, Michigan 48106, for a nominal fee. The following reprints are currently available from IBM:

Reprints

Special Reprint Collections

Functional structure of IBM virtual storage operating systems: OS/VS-2
G321-5000

Functional structure of IBM virtual storage operating systems: DOS/VS and OS/VS1
G321-5017

Synchronous data link control/Store Systems
G321-5018

Individual Article Reprints

Overview of the Supermarket System and the Retail Store System
P. V. McEnroe, H. T. Huth, E. A. Moore, and W. W. Morris III
G321-5001

The characteristics and decodability of the Universal Product Code
D. Savir and G. J. Laurer
G321-5002

The role of the operator in the Supermarket and Retail Store Systems
D. C. Antonelli
G321-5003

Store performance studies for the Supermarket System
W. C. Metz, Jr., and D. Savir
G321-5004

Design and performance considerations for the Retail Store System
M. A. Berk, C. W. Dunbar, and G. C. Hobson
G321-5005

Reliability, availability, and serviceability design considerations for the Supermarket and Retail Store systems
R. O. Hippert, L. R. Palounek, J. Provetero, and R. O. Skatrud
G321-5006

A program generator
W. D. Hagamen, D. J. Linden, K. F. Mai, S. M. Newell, and J. C. Weber
G321-5007

Performance measurement tools for VM/370
P. H. Callaway
G321-5008

Elements of queuing theory for system design
A. O. Allen
G321-5009

Hierarchical approach to computer system integrity
J. J. Donovan and S. E. Madnick
G321-5010

An access control mechanism for computing resources
H. M. Gladney, E. L. Worley, and J. J. Myers
G321-5011

Generalized audit trail requirements and concepts for data base applications
L. A. Bjork, Jr.
G321-5012

Tuning a virtual storage system
H. A. Anderson, Jr., M. Reiser, and G. L. Galati
G321-5013

The Power Profile—An installation management tool
J. A. Laird
G321-5014

Computing center optimization by a pricing-priority policy
S. B. Ghanem
G321-5015

Productivity of computer-dependent workers
D. N. Streeter
G321-5016

Computer installation accounting
H. M. Gladney, D. L. Johnson, and R. L. Stone
G321-5019

Evaluating system changes under uncontrolled workload: a case study
H. P. Freidman and G. Waldbaum
G321-5020

Testing in a complex systems environment
M. O. Duke
G321-5021

Performance analysis of virtual memory time-sharing systems
Y. Bard
G321-5022

Structured programming for virtual storage systems
J. G. Rogers
G321-5023

Systems Network Architecture: An overview
J. H. McFadyen
G321-5024

The role of the Network Control Program in Systems Network Architecture
W. S. Hobgood
G321-5025

The transmission subsystem in Systems Network Architecture
P. G. Cullum
G321-5026

The Virtual Telecommunications Access Method: A Systems Network Architecture perspective
H. R. Albrecht and K. D. Ryder
G321-5027

LABS/7—a distributed real-time operating system
D. L. Raimondi, H. M. Gladney, G. Hochweller, R. W. Martin, and L. L. Spencer
G321-5028

Penetrating an operating system: a study of VM/370 integrity
C. R. Attanasio, P. W. Markstein, and R. J. Phillips
G321-5029

Experiments in line quality monitoring
P. Bryant, R. W. Giesin, Jr., and R. M. Hayes
G321-5030

HIPO and integrated program design
J. F. Stay
G321-5031

Top-down development using a program design language
P. Van Leer
G321-5032

Design and code inspections to reduce errors in program development
M. E. Fagan
G321-5033

Composite design facilities of six programming languages
G. J. Myers
G321-5034

A model of large program development
L. A. Belady and M. M. Lehman
G321-5035

Data base systems (Readings)
G321-5036

On virtual machine integrity (Forum)
G321-5037

The Peterlee Relational Test Vehicle—a system overview
S. J. P. Todd
G321-5038

Interactive modeling of computer systems
M. Reiser
G321-5039

Service levels: A concept for the user and the computer center
L. J. Lewis
G321-5040

An APL emulator on System/370
A. Hassitt and L. E. Lyon
G321-5041

A user-oriented data-base retrieval system
A. U. Jones
G321-5042

An APL interpreter and system for a small computer
M. Alfonseca, M. L. Tavera, and R. Casajuana
G321-5043

The IBM 5100 and the Research Device Coupler—A personal laboratory automation system
H. Cole and A. A. Guido
G321-5044

A method of programming measurement and estimation
C. E. Walston and C. P. Felix
G321-5045

The information management system IMS/VS Part I: General structure and operation
W. C. McGee
G321-5046

The information management system IMS/VS Part II: Data base facilities
W. C. McGee
G321-5047

The information management system IMS/VS Part III: Batch processing facilities
W. C. McGee
G321-5048

The information management system IMS/VS Part IV: Data communication facilities
W. C. McGee
G321-5049

The information management system IMS/VS Part V: Transaction processing facilities
W. C. McGee
G321-5050

A high-performance DB/DC system
J. E. Siwiec
G321-5051

On compilability and composite design (Forum)
G321-5052

Data structures and data accessing in data base systems, past, present, future
M. E. Senko
G321-5053

CICS/VS and its role in Systems Network Architecture
D. J. Eade, P. Homan, and J. H. Jones
G321-5054

Automated logical data base design: Concepts and applications
N. Raver and G. U. Hubbard
G321-5055

Query-by-Example: A data base language
M. Zloof
G321-5056

Design techniques for a user controlled DB/DC system
G. F. Heyne and C. J. Daniel
G321-5057

Storage and access in relational data bases
M. W. Blasgen and K. P. Eswaran
G321-5058

MARC: MVS archival storage and recovery program
J. P. Considine and J. J. Myers
G321-5059

An input-output econometric model
K. S. Sarma
G321-5060

On lines of code and programming productivity (Forum)
G321-5061

IBM's Santa Teresa Laboratory—Architectural design for program development
G. M. McCue
G321-5062

A method for the time analysis of programs
S. L. de Freitas and P. J. Lavelle
G321-5063

Measuring programming quality and productivity
T. C. Jones
G321-5064

The extended control language of MPSX/370 and possible applications
L. Slate and K. Spielberg
G321-5065

Solving the installation scheduling problem using mixed integer linear programming
R. Chen, H. Crowder, and E. L. Johnson
G321-5066